



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
340 MOODIE DR NEPEAN MOB#64-6507572 BELL CANADA-MOBILE U264819M

Component
Rear Diesel Engine

Fluid
ESSO XD-3 EXTRA 15W40 (8 LTR)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PN0006057	PN0003896	PN947707
Sample Date		Client Info		07 May 2024	30 Aug 2022	01 Aug 2015
Machine Age	hrs	Client Info		1541	1038	468
Oil Age	hrs	Client Info		0	373	29
Filter Age	hrs	Client Info		0	373	29
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				NORMAL	SEVERE	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>250	21	32	2
Chromium	ppm	ASTM D5185(m)	>10	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	1	0
Titanium	ppm	ASTM D5185(m)		0	<1	<1
Silver	ppm	ASTM D5185(m)	>3	0	0	0
Aluminum	ppm	ASTM D5185(m)	>35	2	3	<1
Lead	ppm	ASTM D5185(m)	>100	4	8	<1
Copper	ppm	ASTM D5185(m)	>60	191	▲ 254	<1
Tin	ppm	ASTM D5185(m)	>5	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0

CONTAMINATION

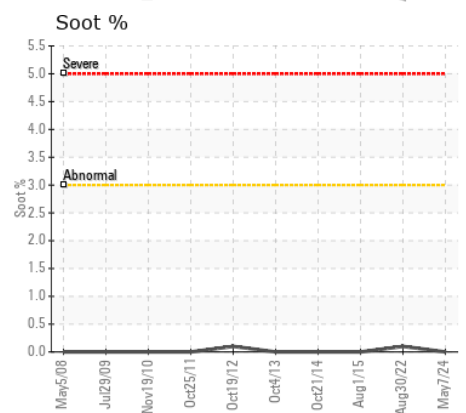
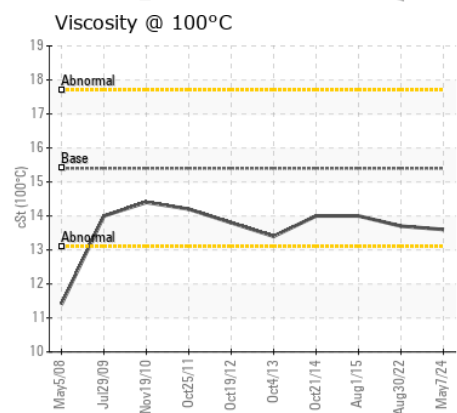
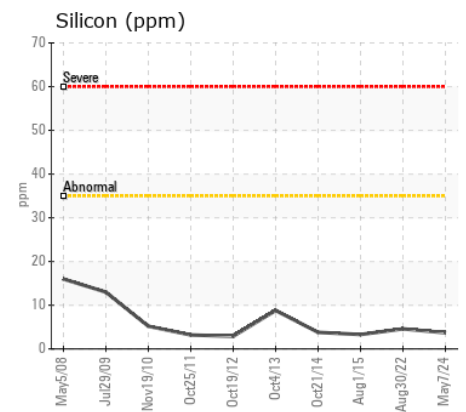
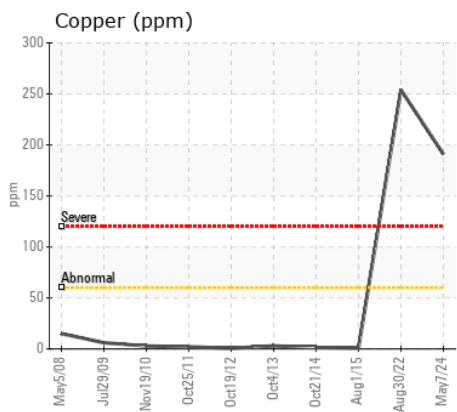
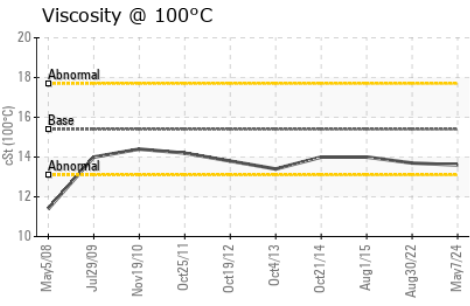
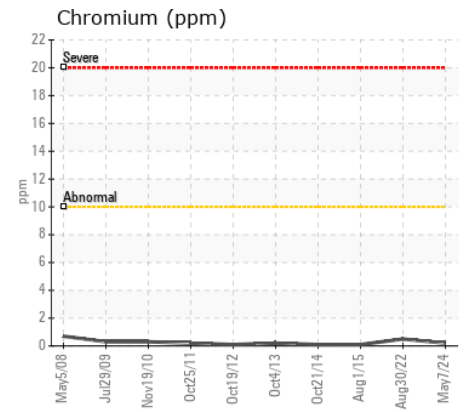
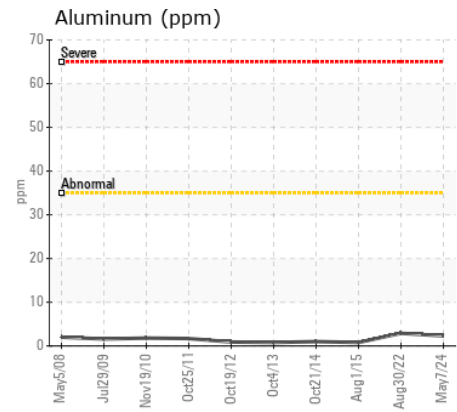
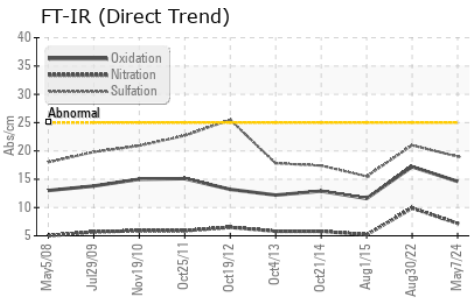
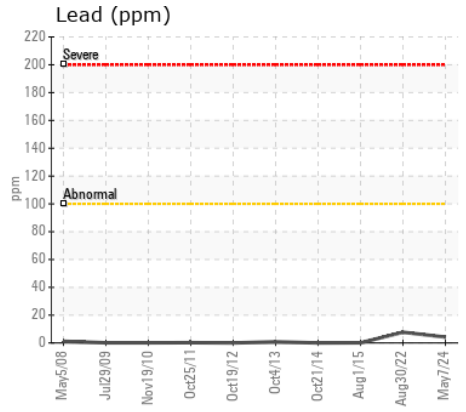
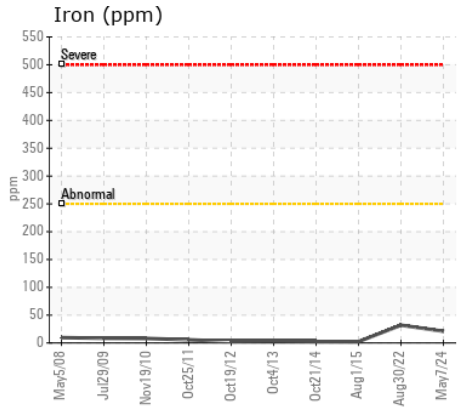
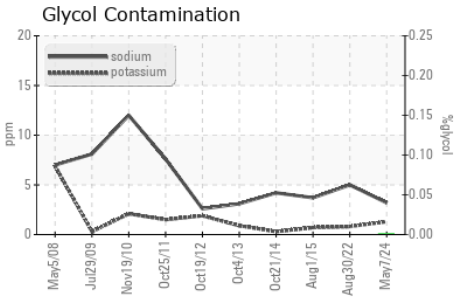
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>35	4	5	3
Potassium	ppm	ASTM D5185(m)	>20	1	<1	<1
Fuel		WC Method	>5	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol	%	ASTM D7922*		0.0	NEG	NEG
Soot %	%	ASTM D7844*	>3	0	0.1	0
Nitration	Abs/cm	ASTM D7624*	>20	7.2	9.9	5.2
Sulfation	Abs/.1mm	ASTM D7415*	>30	19.0	21.0	15.5
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	NEG

FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>192	3	5	4
Boron	ppm	ASTM D5185(m)		19	29	5
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)		77	85	39
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)		558	190	782
Calcium	ppm	ASTM D5185(m)	3780	1815	2294	1229
Phosphorus	ppm	ASTM D5185(m)	1370	1038	1067	1057
Zinc	ppm	ASTM D5185(m)	1500	1277	1274	1238
Sulfur	ppm	ASTM D5185(m)	3800	2615	2532	3152
Oxidation	Abs/.1mm	ASTM D7414*	>25	14.6	17.2	11.6
Visc @ 100°C	cSt	ASTM D7279(m)	15.4	13.6	13.7	14.0



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PN0006057 **Received** : 13 May 2024
Lab Number : 02634893 **Tested** : 13 May 2024
Unique Number : 5776046 **Diagnosed** : 13 May 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol)

POWER STATION INC.
 1050 JAYSON COURT
 MISSISSAUGA, ON
 CA L4W 2V5
 Contact: Ryan Udall
 rudall@pwrstn.com
 T: (905)565-1621
 F: (905)629-1499

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.